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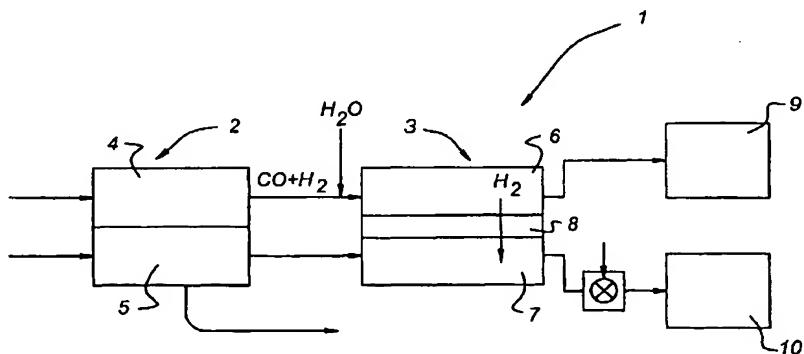
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(54) Title: SHIFT MEMBRANE BURNER/FUEL CELL COMBINATION



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(57) Abstract: Method and device for converting CO on one side of a membrane with the addition of water to give CO<sub>2</sub> and H<sub>2</sub>O. During this reaction H<sub>2</sub> passes through the membrane. On the other side of the membrane H<sub>2</sub> is combined with oxygen and burned. This oxygen can be supplied in the form of air and can originate from a fuel cell or fed thereto. CO and H<sub>2</sub> originate from a fuel cell.